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Date of Signature and Deposit: November 1, 2002


David M. Kettner 45,589

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PATENT
IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: Richard M. Amasino
Fritz M. Schomburg
Scott D. Michaels
David Patton

Date: November 1, 2002

Serial No.: 09/920,705

Group Art Unit: 1638

Filed: August 2, 2001

Examiner:

Title: FLORAL INDUCTION GENE

File: 960296.97214

SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

Commissioner For Patents
Box Non-Fee
Washington, DC 20231

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NOV 08 2002

TECH CENTER 1600/2900

Dear Sir:

Enclosed are copies of documents and a completed form PTO-1449 listing documents that the Applicants in the above-identified application wish to bring to the attention of the Examiner for consideration in connection with the examination of this application.

Applicants submit that these documents are timely filed as no first Office action on the merits has been mailed. Applicant also states that each document included herewith was cited in an international search report dated October 4, 2002 in the international application associated with the above-identified application (Int'l App. No. PCT/US01/24427). A copy of the Notification of Transmittal of the International Search Report is included to verify that this statement is being submitted within 3 months of the date of the communication.

No fee is believed due in connection with this submission. However, if a fee is due, please charge the fee to Deposit Account No. 17-0055.

Respectfully submitted,

A handwritten signature in black ink, appearing to read 'D. Kettner', is written over a horizontal line.

David M. Kettner

Reg. No. 45,589

Attorney for Applicants

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Substitute for form 1449A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(use as many sheets as necessary)</i>				Complete If Known	
				Application Number	09/920,705
				Filing Date	08/02/2001
				First Named Inventor	Richard M. Amasino
				Group Art Unit	1638
				Examiner Name	
Sheet	1	of	2	Attorney Docket Number	960296.97214

U.S. PATENT DOCUMENTS						
Examiners Initial	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant Of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear
		Number	Kind Code ²			

FOREIGN PATENT DOCUMENTS								
Examiner Initials*	Cite No. ¹	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Office ³	Number ⁴	Kind Code ⁵ (if known)				
		WO	00/32780		Perez	06/08/2000		
		WO	96/38560		Dean, et al.	12/05/1996		

OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ⁶
		"AA06B09 AA Arabidopsis thaliana cDNA5', mRNA sequence." <u>Database EMBL 'Online</u> , (Jun 14 2000), Database accession no. BE037904 XP002213594.	
		"Arabidopsis thaliana CDNA clone:RZL51g08F, 3' end." <u>Database EMBL 'Online</u> , (Jun 16 2000), Database accession no. AV548323 XP002213595.	
		"Arabidopsis thaliana chromosome 2 clone T1024 map CIC10F102, complete sequence." <u>Database EMBL 'Online</u> , (Jul 24 1997), Database accession no. AC002335 XP002213591.	
		"Arabidopsis thaliana chromosome 4, BAC clone T1P17 (ESSA Project)." <u>Database EMBL 'Online</u> , (Apr 29 1999), Database accession no. AL049730 XP002213608.	

EXAMINER SIGNATURE	DATE CONSIDERED
<p>*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.</p> <p>¹ Unique citation designation number. ² See attached Kinds of U.S. Patent Documents. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. ⁶ If possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.</p> <p>Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U. S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231</p> <p style="text-align: right;">QBMAD\343857.1</p>	

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Substitute for form 1449A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(use as many sheets as necessary)</i>				Complete If Known	
				Application Number	09/920,705
				Filing Date	08/02/2001
				First Named Inventor	Richard M. Amasino
				Group Art Unit	1638
				Examiner Name	
Sheet	2	of	2	Attorney Docket Number	960296.97214

OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T*
		"At2g43410 protein." <u>Database SWISSPROT Online</u> , (Jan 01, 1998), Database accession no. 022855, XP002213592.	
		"Hypothetical 78.3 kDa protein." <u>Database SWISSPROT Online</u> , (May 1, 2000), Database accession no. Q9SU22, XP002213609.	
		"RNA-binding region RNP-1 "RNA recognition motif." <u>Database SWISSPROT Online</u> , (Jan 01, 1998), Database accession no. IPR000504, XP002213593.	
		KOORNNEEF M, Alonso-Blanco C, Blankestijn-de Vries H, Hanhart CJ, Peeters AJ. "Genetic interactions among late-flowering mutants of Arabidopsis." <u>Genetics</u> , (Feb 1998) 148(2):885-92.	
		LEVY YY, Dean C. "The transition to flowering." <u>Plant Cell</u> , (Dec 1998) 10(12):1973-90.	
		MACKNIGHT R, Bancroft I, Page T, Lister C, Schmidt R, Love K, Westphal L, Murphy G, Sherson S, Cobbett C, Dean C. "FCA, a gene controlling flowering time in Arabidopsis, encodes a protein containing RNA-binding domains." <u>Cell</u> , (May 30, 1997) 89(5):737-45.	
		MICHAELS SD, Amasino RM. "FLOWERING LOCUS C encodes a novel MADS domain protein that acts as a repressor of flowering." <u>Plant Cell</u> , (May 1999) 11(5):949-56.	
		RUIZ-GARCIA L, Madueno F, Wilkinson M, Haughn G, Salinas J, Martinez-Zapater JM. "Different roles of flowering-time genes in the activation of floral initiation genes in Arabidopsis." <u>Plant Cell</u> , (Nov 1997) 9(11):1921-34.	
		SANDA SL, Amasino RM. "Interaction of FLC and late-flowering mutations in Arabidopsis thaliana." <u>Mol Gen Genet</u> , (Apr 24, 1996) 251:69-74.	

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GAU 1638

PTO/SB/17 (11-01)
Approved for use through 10/31/2003. OMB 0651-0032
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
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FEE TRANSMITTAL for FY 2003

Patent fees are subject to annual revision.

☐ Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$) 0.00

Complete if Known

Application Number	09/920,705
Filing Date	08/02/2001
First Named Inventor	Richard M. Amasino
Examiner Name	
Group Art Unit	1638
Attorney Docket No.	960296.97214

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METHOD OF PAYMENT (check all that apply)

☐ Check ☐ Credit card ☐ Money Order ☐ Other ☐ None☒ Deposit Account:

Deposit Account Number	17-0055
Deposit Account Name	Quarles & Brady LLP

The Commissioner is authorized to: (check all that apply)

☒ Charge fee(s) indicated below ☐ Credit any overpayments☒ Charge any additional fee(s) during the pendency of this application☐ Charge fee(s) indicated below, except for the filing fee

to the above-identified deposit account.

FEE CALCULATION

1. BASIC FILING FEE

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description	Fee Paid
1001 740	2001 370	Utility filing fee	
1002 330	2002 165	Design filing fee	
1003 510	2003 255	Plant filing fee	
1004 740	2004 370	Reissue filing fee	
1005 160	2005 80	Provisional filing fee	

SUBTOTAL (1) (\$) 0.00

2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE

	Extra Claims	Fee from below	Fee Paid
Total Claims	-20** =	X	= 0.00
Independent Claims	-3*** =	X	= 0.00
Multiple Dependent			

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description
1202 18	2202 9	Claims in excess of 20
1201 84	2201 42	Independent claims in excess of 3
1203 280	2203 140	Multiple dependent claim, if not paid
1204 84	2204 42	** Reissue independent claims over original patent
1205 18	2205 9	** Reissue claims in excess of 20 and over original patent

SUBTOTAL (2) (\$) 0.00

**or number previously paid, if greater; For Reissues, see above

FEE CALCULATION (continued)

3. ADDITIONAL FEES

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description	Fee Paid
1051 130	2050 65	Surcharge - late filing fee or oath	
1052 50	2052 25	Surcharge - late provisional filing fee or cover sheet	
1053 130	1053 130	Non-English specification	
1812 2,520	1812 2,520	For filing a request for <i>ex parte</i> reexamination	
1804 920	1804 920*	Requesting publication of SIR prior to Examiner action	
1805 1,840	1805 1,840*	Requesting publication of SIR after Examiner action	
1251 110	2251 55	Extension for reply within first month	
1252 400	2252 200	Extension for reply within second month	
1253 920	2253 460	Extension for reply within third month	
1254 1,440	2254 720	Extension for reply within fourth month	
1255 1,960	2255 980	Extension for reply within fifth month	
1401 320	2401 160	Notice of Appeal	
1402 320	2402 160	Filing a brief in support of an appeal	
1403 280	2403 140	Request for oral hearing	
1451 1,510	1451 1,510	Petition to institute a public use proceeding	
1452 110	2452 55	Petition to revive - unavoidable	
1453 1,280	2453 640	Petition to revive - unintentional	
1501 1,280	2501 640	Utility issue fee (or reissue)	
1502 460	2502 230	Design issue fee	
1503 620	2503 310	Plant issue fee	
1460 130	1460 130	Petitions to the Commissioner	
1807 50	1807 50	Processing fee under 37 CFR 1.17(q)	
1806 180	1806 180	Submission of Information Disclosure Stmt	
8021 40	8021 40	Recording each patent assignment per property (times number of properties)	
1809 740	2809 370	Filing a submission after final rejection (37 CFR § 1.129(a))	
1810 740	2810 370	For each additional invention to be examined (37 CFR § 1.129(b))	
1801 740	2801 370	Request for Continued Examination (RCE)	
1802 900	1802 900	Request for expedited examination of a design application	

Other fee (specify)

*Reduced by Basic Filing Fee Paid

SUBTOTAL (3) (\$) 0.00

SUBMITTED BY

Name (Print/Type) David M. Kettner

Signature

Registration No. (Attorney/Agent)

45,589

Complete (if applicable)

Telephone 608.251.5000

Date 11/01/2002

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Doc. No. 344025

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